

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S51 | 569 | (maintain\$4 adj tunnel \$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:00 |
| S52 | 85 | (TUNNEL\$5 near4 (manag\$6)) near2 (device or apparatus or module) (maintain\$4 or sustain\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:09 |
| S53 | 4 | (TUNNEL\$5 adj communication) near2 (device or apparatus or module) (maintain\$4 or sustain\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:10 |
| S54 | 14 | (TUNNEL\$5 adj communication) (maintain\$4 or sustain \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:11 |
| S55 | 10 | (TUNNEL\$5 adj communication) (maintain\$4 or sustain \$4) not S53 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:12 |
| S56 | 933 | ((tunnel near2 manag \$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/17 15:15 |
| S57 | 80 | ((tunnel\$4 near2 manag \$6) near3 (communication or connection)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:15 |

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| S58 | 20 | ("5884024" "6061346" "6101539" "6118785" "6182141" "6189039" "6301229" "6449272" "6463475" "6522880" "6591306" "6609153" "6614809" "6633761" "6651093" "6675225" "6697360").PN. OR ("7111065").URPN. | US-PGPUB; USPAT; USOCR | WITH | ON | 2010/05/17 15:20 |
| S59 | 0 | ((tunnel\$4 near2 manag \$6) near3 (communication or connection)) and (request \$4 near3 (maintain\$4 or sustain\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:21 |
| S60 | 2 | ((tunnel\$4 near2 manag \$6) near3 (communication or connection)) and (request \$4 near3 (maintain\$4 or sustain\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:21 |
| S61 | 2 | ((tunnel\$4 near2 manag \$6)) and (request\$4 near3 (maintain\$4 or sustain\$4) tunnel\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:22 |
| S62 | 2 | ((tunnel\$5 near2 manag \$6)) and (request\$4 near3 (maintain\$4 or sustain\$4) tunnel\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:23 |
| S63 | 0 | (request\$4 near3 (maintain\$4 or sustain \$4) tunnel\$5) time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:27 |
| S64 | 592 | ((maintain\$4 or sustain \$4) tunnel\$5) time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:27 |
| S67 | 0 | ((maintain\$4 or sustain \$4) tunnel\$5) ((connection near2 communication) adj time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:28 |
| S68 | 0 | ((maintain\$4 or sustain \$4) tunnel\$5) ((connection) adj time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:28 |

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| S69 | 4 | ((maintain\$4 or sustain\$4) tunnel\$5) ((connection) near3 time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:28 |
| S70 | 569 | ((maintain\$4 tunnel\$5) (time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:29 |
| S71 | 1 | ((maintain\$4 tunnel\$5) (communication or connectionn) near2 (time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:31 |
| S72 | 120 | ((maintain\$4 near2 tunnel\$5) (time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:32 |
| S73 | 31 | ((maintain\$4 near2 tunnel\$5) near3 (time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:32 |
| S74 | 1 | ((sustain\$4 near2 tunnel \$5) near3 (time)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:34 |
| S75 | 8 | (TUNNEL\$5 near4 (manag\$6)) (maintain\$4 or sustain\$4 or keep\$4 or preserv\$4 or (keep adj alive)) time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:35 |
| S76 | 229 | (TUNNEL\$5) (keep\$4 or preserv\$4 or (keep adj alive)) time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:36 |
| S77 | 13 | (TUNNEL\$5) (communication or connection) (keep\$4 or preserv\$4 or (keep adj alive)) time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:37 |
| S78 | 438 | tunnel\$5 connection time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:43 |

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| S79 | 438 | tunnel\$5 connection time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 15:43 |
| S80 | 2 | tunnel\$5 connection time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 15:43 |
| S81 | 333 | tunnel\$5 communication second device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:16 |
| S82 | 29 | tunnel\$5 communication second adj device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:16 |
| S83 | 134 | tunnel\$5 first second adj device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:23 |
| S84 | 14 | tunnel\$5 first second adj device connection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:24 |
| S85 | 21 | tunnel\$5 first second adj device same connection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:24 |
| S86 | 22 | request\$4 maintaining tunnel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:29 |
| S87 | 66 | tunnel keep alive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:31 |
| S88 | 3 | tunnel keep alive second device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:32 |

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| S89 | 1565 | tunnel between devices | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:37 |
| S90 | 22 | tunnel between devices | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:37 |
| S91 | 1557 | vpn tunnel\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:38 |
| S92 | 0 | vpn tunnel\$5 keep alive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:39 |
| S93 | 4 | vpn tunnel\$5 keep alive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/17 16:39 |
| S94 | 0 | (vpn tunnel\$5) and (allo adj flag) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/18 09:24 |
| S95 | 0 | (vpn tunnel\$5) and (allow adj flag) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/18 09:24 |
| S96 | 8 | (tunnel\$5) and (allow adj flag) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/18 09:24 |
| S97 | 5 | (tunnel\$5 near2 (communication or connection)) and (allow near2 flag) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/18 09:34 |
| S98 | 254 | (tunnel\$5 near2 (communication or connection) allow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/18 09:37 |

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| S99 | 121 | (tunnel\$5 near2 (communication or connection) near2 allow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/18 09:37 |
| S100 | 16 | (tunnel\$5 near2 (communication or connection) judg\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:25 |
| S101 | 1 | (tunnel\$5 near2 (communication or connection) determin\$6 cancel\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:32 |
| S102 | 5 | (tunnel\$5 near2 (communication or connection) cancel\$8 near2 tunnel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:33 |
| S103 | 5 | (tunnel\$5 near2 (communication or connection) same (cancel \$8 near2 tunnel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:35 |
| S104 | 21 | (tunnel\$5 near2 (communication or connection) and (cancel \$8 near2 tunnel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:35 |
| S105 | 16 | (tunnel\$5 near2 (communication or connection) and (cancel \$8 near2 tunnel)) not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:35 |
| S106 | 9 | (cancel\$8 near2 tunnel\$4 (connection or communication)) not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:46 |
| S107 | 3 | "7313618" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:51 |
| S108 | 1116 | ((clos\$4 or end\$4 or terminat\$6) near2 tunnel \$4 (connection or communication)) not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:52 |

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| S109 | 2 | ((determin\$6 or judg\$4) adj (clos\$4 or end\$4 or terminat\$6) near2 tunnel \$4 (connection or communication)) not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:53 |
| S110 | 16 | ((determin\$6 or judg\$4) adj (clos\$4 or end\$4 or terminat\$6) near2 tunnel \$4) not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:55 |
| S111 | 108 | ((determin\$6 or judg\$4) near3 (clos\$4 or end\$4 or terminat\$6) near2 tunnel\$4) not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:57 |
| S112 | 93 | ((determin\$6 or judg\$4) near3 (clos\$4 or end\$4 or terminat\$6) near2 tunnel\$4) not S110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:57 |
| S114 | 10 | ((determin\$6 or judg\$4) near3 (clos\$4 or end\$4 or terminat\$6) near2 tunnel\$4 (connection or communication)) not S110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 13:58 |
| S115 | 5 | (tunnel\$5 near2 (communication or connection) same (cancel \$8 near2 tunnel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 15:44 |
| S116 | 16 | ((determin\$6 or judg\$4) adj (clos\$4 or end\$4 or terminat\$6) near2 tunnel \$4) not S115 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 15:44 |
| S117 | 13 | ((determin\$6 or judg\$4) near3 (clos\$4 or end\$4 or terminat\$6) near2 socket\$4 (connection or communication)) not S116 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 15:44 |
| S118 | 13 | ((determin\$6 or judg\$4) near3 (clos\$4 or end\$4 or terminat\$6) near2 socket\$4 (connection or communication)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/19 15:44 |

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| S119 | 1134 | ((clos\$4 or end\$4 or terminat\$6 or cancel\$5) near2 tunnel\$6 (connection or communication)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 08:56 |
| S120 | 45 | ((clos\$4 or end\$4 or terminat\$6 or cancel\$5) near2 tunnel\$6 (connection or communication)) allow\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 08:57 |
| S121 | 20 | ((clos\$4 or end\$4 or terminat\$6 or cancel\$5) near2 tunnel\$6 (connection or communication)) time | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 08:59 |
| S122 | 4 | ((clos\$4 or end\$4 or terminat\$6 or cancel\$5) near3 tunnel\$6 (connection or communication)) threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:07 |
| S123 | 5 | ((clos\$4 or terminat\$6 or cancel\$5) near3 tunnel\$6 (connection or communication)) parameter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:09 |
| S124 | 1 | tunnel cancellation command | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:11 |
| S125 | 52 | tunnel cancellation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:11 |
| S126 | 1308 | (tunnel near2 (cancellation or cancel\$4 or terminat\$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:12 |
| S127 | 10 | (tunnel near2 (cancellation or cancel\$4 or terminat\$6)) command | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:13 |
| S128 | 66 | (tunnel near2 (cancellation or cancel\$4 or terminat\$6)) (command or request) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:13 |

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| S129 | 139 | ((modify\$4 or alter\$4 or chang\$4 or reconstruct \$6) near3 tunnel\$6 (connection or communication)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:27 |
| S131 | 17 | ((modify\$4 or alter\$4 or chang\$4 or reconstruct \$6) near2 tunnel\$6 adj (connection or communication)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:28 |
| S132 | 40 | ((modify\$4 or alter\$4 or chang\$4 or reconstruct \$6) near2 tunnel\$6 near2 (connection or communication)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:30 |
| S133 | 23 | ((modify\$4 or alter\$4 or chang\$4 or reconstruct \$6) near2 tunnel\$6 near2 (connection or communication)) not S131 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/05/20 09:31 |
| S134 | 36 | ((HAJIME) near2 (MAEKAWA)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/20 11:11 |
| S135 | 26 | ((TAKUMI) near2 (IKEDA)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/20 11:12 |
| S136 | 4648 | (PANASONIC CORPORATION).as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/20 11:16 |
| S137 | 8 | (PANASONIC CORPORATION).as. and tunnel\$5 (communication or connection) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/20 11:17 |
| S138 | 6378 | 709/227.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/05/20 11:17 |

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